

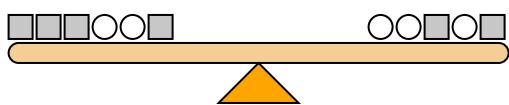


Keeping Scales Balanced

Name: _____

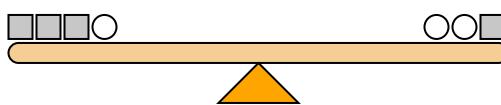
The scales below are balanced. Use the scales to answer each question.

1)



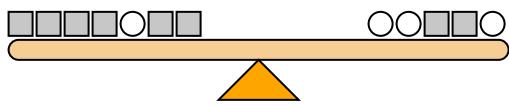
If you added 2 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

2)



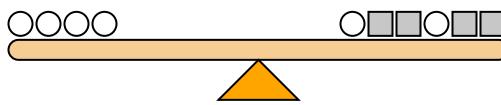
If you added 6 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

3)



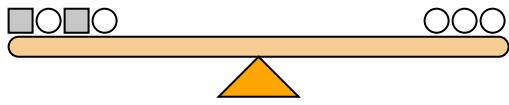
If you added 8 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

4)



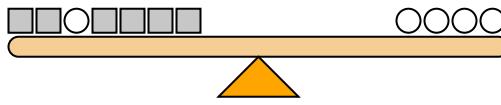
If you added 6 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

5)



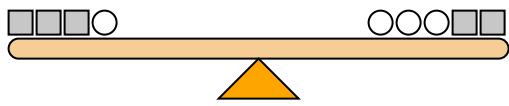
If you added 6 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

6)



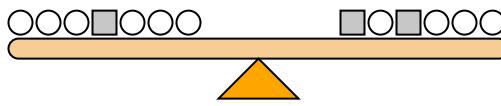
If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

7)



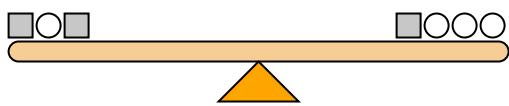
If you added 5 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

8)



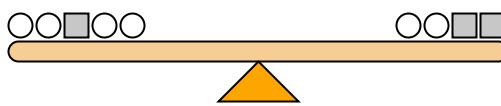
If you added 4 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

9)



If you added 3 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

10)



If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

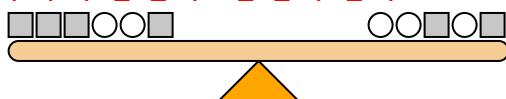


Keeping Scales Balanced

Name: **Answer Key**

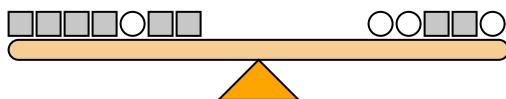
The scales below are balanced. Use the scales to answer each question.

1) $1+1+1+2+2+1 = 2+2+1+2+1$



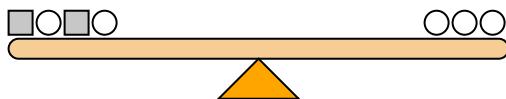
If you added 2 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

3) $1+1+1+1+2+1+1 = 2+2+1+1+2$



If you added 8 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

5) $1+2+1+2 = 2+2+2$



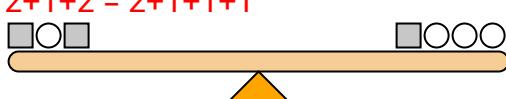
If you added 6 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

7) $2+2+2+1 = 1+1+1+2+2$



If you added 5 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

9) $2+1+2 = 2+1+1+1$



If you added 3 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

2) $1+1+1+2 = 2+2+1$



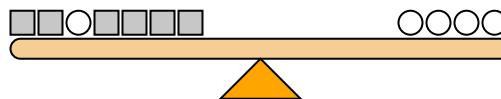
If you added 6 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

4) $2+2+2+2 = 2+1+1+2+1+1$



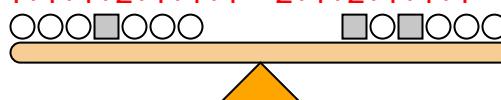
If you added 6 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

6) $1+1+2+1+1+1+1 = 2+2+2+2$



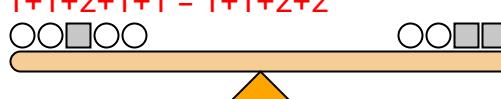
If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

8) $1+1+1+2+1+1+1 = 2+1+2+1+1+1$



If you added 4 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

10) $1+1+2+1+1 = 1+1+2+2$



If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

Answers

1. **4**

2. **3**

3. **4**

4. **3**

5. **3**

6. **2**

7. **10**

8. **2**

9. **6**

10. **4**